



INSTALLATION REQUIREMENTS:

1. When required, backflow prevention assemblies for the protection of the public water system shall meet the requirements set forth in the current Oregon Administrative Rules Chapter 333-061-0070, Uniform Plumbing Code, and City of Beaverton Code 4.02.160 and 4.02.165. Contact the cross-connection inspector, in the *City of Beaverton Engineering Department*, for current requirements.
2. All boxes located in driveways and sidewalks shall have approved traffic-rated covers.
3. Double Check Valve Assemblies (DCVA's) up to and including 1-inch shall be installed in Pacific Water Works meter box MBE #66. The DCVA shall be readily accessible with adequate space for testing and maintenance. DCVA's larger than 1-inch and up to 2-inches shall be installed in an approved size box, with at least 6-inches of clearance on both sides and under the DCVA. DCVA's larger than 2-inches shall be installed in an approved vault. Contact the cross-connection inspector, by calling the *City of Beaverton Engineering Department*, for proper sizing.
4. When the DCVA is installed below ground, the test ports **MUST NOT** be facing downward. The test ports must be plugged with threaded plugs. No dissimilar metals for plugs.
5. The DCVA shall be installed at a depth of 24-inches below ground; plumbing code requires 24-inches, allowing for freeze protection.
6. The DCVA shall be tested by a State certified tester following installation and annually thereafter, and when moved or repaired.
7. Oregon Administrative Rules require installation of a DCVA at the service connection where an approved air gap does not exist.
8. A plumbing permit is required to install an irrigation sprinkler system.
9. Upon completion of installation, the City of Beaverton shall be notified within 24 hours for City personnel to inspect the installation.
10. This is to be a private facility, governed by *UPC* and *Oregon Dept. of Human Services*, as applicable.



City Of Beaverton

ENGINEERING DEPARTMENT

PRIVATE DOUBLE CHECK VALVE ASSEMBLY FOR DOMESTIC AND LANDSCAPE IRRIGATION SYSTEMS

UTILITIES ENGINEER
David A. Winship, P.E.

DATE
6 - 10 - 04

DRAWN BY
JH - CPD

DRAWING NO.
662